This is the department of Computer Science and Engineering, part of Sri Vasavi College of Engineering.

Dr. D. Jaya Kumari is the Professor and Head of the Department. Contact details: Phone - 08818-284355 (Ext. 377), Fax - 08818-284322, Email - hod\_cse@srivasaviengg.ac.in.

Department Profile is given below:

Computer Science and Engineering (CSE) Department came into inception from 2001 onwards with an intake of 60 seats in B.Tech. From 2006 onwards the intake was increased to 120 seats. From 2013 onwards the intake was increased to 180 seats. From 2013 onwards the intake was increased to 240 seats. From 2024 onwards intake was increased to 300 seats.  
CSE Department is offering M.Tech (CS) program from 2020 onwards with a present intake of 18.

The department offers:

* **UG Programme**: B.Tech in Computer Science and Engineering (4 years, 300 intake) via AP EAPCET.
* **PG Programme**: M.Tech in Computer Science (2 years, 18 intake) via GATE/PGECET.

Vision

To evolve as a centre of academic and research excellence in the area of Computer Science and Engineering.

Mission

To utilize innovative learning methods for academic improvement.

To encourage higher studies and research to meet the futuristic requirements of Computer Science and Engineering.

To inculcate Ethics and Human values for developing students with good character.

The following are the Program Educational Outcomes (PEOs)

1. Adapt to evolving technology.

2. Provide optimal solutions to real time problems.

3. Demonstrate his/her abilities to support service activities with due consideration for Professional and Ethical Values.

The following are the Program Outcomes (POs)

Computer Science Engineering Graduates will be able to :

**1. Engineering knowledge:** Apply the knowledge of Mathematics, Science, Engineering Fundamentals and Concepts of Computer Science Engineering to the solution of complex Engineering problems.[K3]

**2. Problem Analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of Mathematics, Natural Sciences and Computer Science.[K4]

**3. Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specific needs with appropriate consideration for the public health and safety, and the cultural, societal and environmental considerations.[K5]

**4. Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.[K5]

**5. Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex Engineering activities with an understanding of the limitations.[K3]

**6. The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional Engineering practice.[K3]

**7. Environment and sustainability:**Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of,and need for sustainable development.[K3]

**8. Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the Engineering practice.[K3]

**9. Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.[K6]

**10. Communication:** Communicate effectively on complex Engineering activities with the Engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.[K2]

**11. Project management and finance:** Demonstrate knowledge and understanding of the Engineering and Management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.[K6]

**12. Life-long learning:**Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.[K1]

The following are the Program Specific Outcomes (PSOs)

1. PSO1:Use Mathematical Abstractions and Algorithmic Design along with Open Source Programming tools to solve complexities involved in Programming. [K3]

2. PSO2:Use Professional Engineering practices and strategies for development and maintenance of software. [K3]

The following are the Salient Features of the department:

* Accredited by NBA in 2012, 2018, 2021, 2022 for 3 years
* Accredited by NAAC with **"A"** Grade.
* The Department was recognized as research center by JNTUK from the Academic Year 2019-20 onwards.
* All Class Rooms are ICT enabled.
* Established 2 Digital Classrooms with capacity of 150 each.
* MoUs with NIT ANP , Eduskills , Hexaware , APSSDC , Alykas Innovations Pvt.Ltd, thingTronics Pvt Ltd,Bangalore and TCS-iON.
* College has MOU with TCS for conducting Online Competitive Exams for which our Department Resources are being utilized.
* Professional Society memberships in ISTE.
* Good faculty retention.
* More than 15% of our faculty are Doctorates.
* Sahaya, Social Service Unit, managed by CSE Students has till date donated Rs.11,12,625/- with the support of College Management.
* Established the AI&DL Lab under MODROBS Scheme Sanctioned by AICTE.
* Introduced the B.Tech(Hons) and B.Tech(Minors) from 2018 onwards.

The department has **56 teaching faculty members** with diverse qualifications and designations:

* **Professors (5 memebers)**: All hold M.Tech. and Ph.D. degrees, including the Head of the Department and the Dean (R&D).
* **Associate Professors (3 memebers)**: All hold M.Tech. and Ph.D. degrees.
* **Senior Assistant Professors (7 memebers)**: Majority have M.Tech. degrees, with some pursuing Ph.D.
* **Assistant Professors (30 memebers)**: Hold M.Tech. degrees, some with Ph.D. or pursuing Ph.D.
* **Lecturers (8 memebers)**: Hold B.Tech. or MCA degrees.

The faculty brings expertise across various academic and research domains, contributing to the department's growth.

Department has the following teaching faculty with qualification, designation

Name of the Faculty Qualification Designation

Dr. D.Jaya Kumari M.Tech.,Ph.D Professor & HOD

Dr. V.Venkateswara Rao M.Tech.,Ph.D Professor

Dr. V.S.Naresh M.Tech.,Ph.D Professor & Dean(R&D)

Dr. K.Shirin Bhanu M.Tech.,Ph.D Professor

Dr. A. Daveedu Raju M.Tech.,Ph.D Professor

Dr. D. Anjani Suputri Devi M.Tech.,Ph.D Assoc. Professor

Dr. K Venkata Ramana M.Tech.,Ph.D Assoc. Professor

Dr. G Sivaraman M.Tech.,Ph.D Assoc. Professor

Mr. G.Nataraj M.Tech Sr. Asst. Professor

Mrs. B.Sri Ramya M.Tech Sr. Asst. Professor

Mr. G.Sriram Ganesh M.Tech,(Ph.D) Sr. Asst. Professor

Mr. N.V.Murali Krishna Raja M.Tech,(Ph.D) Sr. Asst. Professor

Mrs. N.Hiranmayee M.Tech.,(Ph.D) Sr. Asst. Professor

Mr. M.Nageswara Rao M.Tech Sr. Asst. Professor

Mrs. Y.Divya Vani M.Tech Asst. Professor

Mr. K.Lakshminarayana M.Tech Asst. Professor

Ms. A.Kiranmai M.Tech Asst. Professor

Ms. G.SiriVenkata Bhanu M.Tech Asst. Professor

Mrs. D.S.L Manikanteswari M.Tech Asst. Professor

Mr. M.V.V Krishna M.Tech,(Ph.D) Asst.Professor

Mr. P.Uma Sankar M.Tech,(Ph.D) Asst. Professor

Mr. M.S.KumarReddy M.Tech,(Ph.D) Asst. Professor

Mr. P. Rajesh M.Tech.,(Ph.D) Asst. Professor

Ms. M.Santhi M.Tech Asst. Professor

Mrs. A.Nagajyothi M.Tech Asst. Professor view

Mrs. G. Prasanthi M.Tech.,(Ph.D) Asst. Professor

Mr. K. Praveen Kumar M.Tech.,(Ph.D) Asst. Professor

Ms. G. Nagavallika M.Tech.,(Ph.D) Asst. Professor

Mr. G. N V Ratna kishore M.Tech,(Ph.D) Asst. Professor 3

Mrs. M. N. V Surekha M.Tech Asst. Professor

Mr. P. Ramamohan Rao M.Tech,(Ph.D) Asst. Professor

Mr. M V V G Krishna Murthy M.Tech Asst. Professor

Mr. G. Mahesh M.Tech Asst. Professor

Mr. V. Gajendra Kumar M.Tech Asst. Professor

Mrs. J. Kanimozhi M.Tech Asst. Professor

Mr. U. Jagadeesan M.Tech Asst. Professor

Mrs. V. Nandini M.Tech Asst. Professor

Mr. Krishna M.Tech Asst. Professor

Mr. J.Dhandapani M.Tech Asst. Professor

Mrs. T. Anu M.Tech Asst. Professor

Mr. T. Anil Kumar Reddy M.Tech,(Ph.D) Asst. Professor

Mrs. Shaik Apsaruneesa M.Tech Asst. Professor

Mrs. K. Sri Durga Achuta M.Tech Asst. Professor

Mr. V Venugopal M.Tech Asst. Professor

Mr. L. Atri Datta Ravi Tez M.Tech Asst. Professor & Web Developer

Mr. Md. Sadik M.Tech Asst. Professor

Ms. R. Nava Lavanya M.Tech Asst. Professor

Dr. G. Tej Varma M.Tech.,Ph.D Asst. Professor

Mrs. M. Sai Durga Lakshmi M.C.A Lecturer

Ms. T. Pranusha B.Tech Lecturer

Mr.P. Gopinath M.C.A Lecturer

Ms. Y. Sabitha Yali B.Tech Lecturer

Ms. M. Vineela B.Tech Lecturer

Ms. K. Ramya B.Tech Lecturer

Mr. K. Phanindra Brahmaji B.Tech Lecturer

Mr. S. P. Ramesh Varma B.Tech Lecturer

Our Non-Teaching Staff

S.No. Name of the Staff Designation

1 Ms. U.Devi Lakshmi DEO

2 Mrs. K. Bhagya Sri DEO

3 Mr. D.Srinivasa Rao Attender

4 Mr. M.Siva Krishna Attender

5 Mrs. A.Sri Karuna Kumari Attender

6 Mr. V. Venkateswara Rao Attender

Our Technical Staff with name and designation

S.No. Name of the Staff Designation

1 Mr. K.N. Suresh System Admin

2 Ms. BNG Lakshmi Durga Programmer

3 Mrs. Y Uma Parvathi Programmer

4 Mr. K.V Srinivasa Rao Hardware Technician

5 Mr. G.Bhanu Prakash Hardware Technician

6 Mr. P.Manikanta Gupta Lab Assistant

7 Mr. Md.Arriff Computer Lab Assistant

8 Mr. P.Lokesh Reddy Lab Technician

9 Ms. M. Naga Harika Lab Technician

10 Mr. B. Abaddalu Lab Technician

11 Mr. S. Nagaraju Programmer

12 Mr. N Lokesh Babu Lab Assistant